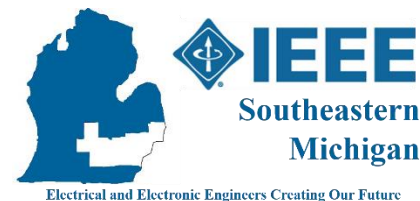# IEEE SE Michigan Computer & Education Section
Presents
"A Quality Assessment of Cloud-hosted Services"

IEEE Southeastern Michigan
Electrical and Electronic Engineers Creating Our Future

IEEE Southeastern Michigan Section Computer Society and Education Society are happy to announce, a technical talk on how to use a model based approach to doing a quality assessment of Cloud-hosted Services.

This talk will describe a model-based system identification technique for quality assessment of cloud services. We shall see how the design of a cloud-based system – the algorithmic and workflow processes – can be inferred from service-level quality attributes such as availability, elasticity, and agility. The assessment module involves computational model of the system under test, collection and analysis of quality related service metadata, and system testing and inference techniques. The assessment method will be discussed using a cloud-based content distribution network (CDN) case study.

Speaker bio: Arun Adiththan is a Researcher at General Motors R&D, Warren, MI. In his research on complex software systems verification and validation, he uses methods and tools such as model-based systems engineering, simulation and data analysis. Arun earned his Ph.D. in Computer Science from City University of New York in 2018. He has published more than 25 international conference and journal papers.

At Glance

- **When:**
  Date: July 16th, 2020
  Time: 6:00 – 7:30 PM

- **Where:**
  Online via Webex (to be shared only after you have a confirmed registration)

- **Audience:** All eligible members and potential members (only if slots available)

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Pre-Registration Required!
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